


ACKNOWLEDGEMENT RECEIPT

Electronic Version

Stylesheet Version v01

| Title of Invention | INFORMATION PROCESSING DEVICE, SYSTEM THEREOF, METHOD THEREOF, PROGRAM THEREOF AND RECORDING MEDIUM STORING SUCH PROGRAM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|--|--|-------------------|-----------|--------------|---|---------------|--------------------|-------------|---|---------------|-------------------|------|------------|---------------|-------------------|-------|------------|---------------|---------|-------|------------|------------|--------------------|------|------------|------------|----------------|-------|------------|------------|----------------|-------|------------|--------------|--------------------|------|------------|--------------|------------------|-------|------------|--------------|------------------|-------|------------|----------------|----------|-------|------------|------------------|-----------------|--------|------------|------------------|-------------------------|-------|------------|------------------|----------------------|-------|------------|------------------|----------|------|------------|------------------|-------------|-------|------------|------------------|---------------------|-------|------------|------------------|-------------|------|------------|------------------|-------------|------|------------|------------------|-------------|------|------------|------------------|-------------|------|------------|------------------|-------------|------|------------|------------------|-------------|------|------------|
| Submission Type : Utility Patent Filing | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Application Number: | | 10/710425 |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EFS ID: | | 64295 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Server Response: | | <table border="1"><thead><tr><th>Confirmation Code</th><th>Message</th></tr></thead><tbody><tr><td>ISVR1</td><td>Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application</td></tr><tr><td>ICON1</td><td>4424</td></tr><tr><td>USPTOEFSNot</td><td>For assistance with e-filing a patent application, contact the Patent Electronic Business Center: Toll-Free Number:1(866) 217-9197 Website: http://www.uspto.gov/ebc/</td></tr></tbody></table> | | Confirmation Code | Message | ISVR1 | Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application | ICON1 | 4424 | USPTOEFSNot | For assistance with e-filing a patent application, contact the Patent Electronic Business Center: Toll-Free Number:1(866) 217-9197 Website: http://www.uspto.gov/ebc/ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Confirmation Code | Message | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ISVR1 | Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ICON1 | 4424 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| USPTOEFSNot | For assistance with e-filing a patent application, contact the Patent Electronic Business Center: Toll-Free Number:1(866) 217-9197 Website: http://www.uspto.gov/ebc/ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| First Named Applicant: | | Koji HIROSE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Attorney Docket Number: | | 040310 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Timestamp: | | 2004-07-09 15:26:25 EDT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| From: | | us | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| File Listing: | | <table border="1"><thead><tr><th>Doc. Name</th><th>File Name</th><th>Size (Bytes)</th><th>Date Produced (yyyymmdd)</th></tr></thead><tbody><tr><td>us-assignment</td><td>U040310-usassn.xml</td><td>1787</td><td>2004-07-09</td></tr><tr><td>us-assignment</td><td>us-assignment.xml</td><td>8983</td><td>2004-07-09</td></tr><tr><td>us-assignment</td><td>us-assignment.dtd</td><td>10898</td><td>2004-07-09</td></tr><tr><td>us-assignment</td><td>asn.tif</td><td>54748</td><td>2004-07-09</td></tr><tr><td>us-request</td><td>U040310-usrequ.xml</td><td>2308</td><td>2004-07-09</td></tr><tr><td>us-request</td><td>us-request.dtd</td><td>19064</td><td>2004-07-09</td></tr><tr><td>us-request</td><td>us-request.xml</td><td>33300</td><td>2004-07-09</td></tr><tr><td>us-fee-sheet</td><td>U040310-usfees.xml</td><td>1914</td><td>2004-07-09</td></tr><tr><td>us-fee-sheet</td><td>us-fee-sheet.xml</td><td>24912</td><td>2004-07-09</td></tr><tr><td>us-fee-sheet</td><td>us-fee-sheet.dtd</td><td>11069</td><td>2004-07-09</td></tr><tr><td>us-declaration</td><td>dec3.tif</td><td>30148</td><td>2004-07-09</td></tr><tr><td>application-body</td><td>Spec1-trans.xml</td><td>186185</td><td>2004-07-09</td></tr><tr><td>application-body</td><td>us-application-body.xml</td><td>83497</td><td>2004-07-09</td></tr><tr><td>application-body</td><td>application-body.dtd</td><td>49498</td><td>2004-07-09</td></tr><tr><td>application-body</td><td>wipo.ent</td><td>4956</td><td>2004-07-09</td></tr><tr><td>application-body</td><td>mathml2.dtd</td><td>54588</td><td>2004-07-09</td></tr><tr><td>application-body</td><td>mathml2-qname-1.mod</td><td>13225</td><td>2004-07-09</td></tr><tr><td>application-body</td><td>isoamsa.ent</td><td>5191</td><td>2004-07-09</td></tr><tr><td>application-body</td><td>isoamsb.ent</td><td>3988</td><td>2004-07-09</td></tr><tr><td>application-body</td><td>isoamsc.ent</td><td>1460</td><td>2004-07-09</td></tr><tr><td>application-body</td><td>isoamsn.ent</td><td>5620</td><td>2004-07-09</td></tr><tr><td>application-body</td><td>isoamso.ent</td><td>1934</td><td>2004-07-09</td></tr><tr><td>application-body</td><td>isoamsr.ent</td><td>7073</td><td>2004-07-09</td></tr></tbody></table> | | Doc. Name | File Name | Size (Bytes) | Date Produced (yyyymmdd) | us-assignment | U040310-usassn.xml | 1787 | 2004-07-09 | us-assignment | us-assignment.xml | 8983 | 2004-07-09 | us-assignment | us-assignment.dtd | 10898 | 2004-07-09 | us-assignment | asn.tif | 54748 | 2004-07-09 | us-request | U040310-usrequ.xml | 2308 | 2004-07-09 | us-request | us-request.dtd | 19064 | 2004-07-09 | us-request | us-request.xml | 33300 | 2004-07-09 | us-fee-sheet | U040310-usfees.xml | 1914 | 2004-07-09 | us-fee-sheet | us-fee-sheet.xml | 24912 | 2004-07-09 | us-fee-sheet | us-fee-sheet.dtd | 11069 | 2004-07-09 | us-declaration | dec3.tif | 30148 | 2004-07-09 | application-body | Spec1-trans.xml | 186185 | 2004-07-09 | application-body | us-application-body.xml | 83497 | 2004-07-09 | application-body | application-body.dtd | 49498 | 2004-07-09 | application-body | wipo.ent | 4956 | 2004-07-09 | application-body | mathml2.dtd | 54588 | 2004-07-09 | application-body | mathml2-qname-1.mod | 13225 | 2004-07-09 | application-body | isoamsa.ent | 5191 | 2004-07-09 | application-body | isoamsb.ent | 3988 | 2004-07-09 | application-body | isoamsc.ent | 1460 | 2004-07-09 | application-body | isoamsn.ent | 5620 | 2004-07-09 | application-body | isoamso.ent | 1934 | 2004-07-09 | application-body | isoamsr.ent | 7073 | 2004-07-09 |
| Doc. Name | File Name | Size (Bytes) | Date Produced (yyyymmdd) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| us-assignment | U040310-usassn.xml | 1787 | 2004-07-09 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| us-assignment | us-assignment.xml | 8983 | 2004-07-09 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| us-assignment | us-assignment.dtd | 10898 | 2004-07-09 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| us-assignment | asn.tif | 54748 | 2004-07-09 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| us-request | U040310-usrequ.xml | 2308 | 2004-07-09 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| us-request | us-request.dtd | 19064 | 2004-07-09 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| us-request | us-request.xml | 33300 | 2004-07-09 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| us-fee-sheet | U040310-usfees.xml | 1914 | 2004-07-09 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| us-fee-sheet | us-fee-sheet.xml | 24912 | 2004-07-09 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| us-fee-sheet | us-fee-sheet.dtd | 11069 | 2004-07-09 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| us-declaration | dec3.tif | 30148 | 2004-07-09 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| application-body | Spec1-trans.xml | 186185 | 2004-07-09 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| application-body | us-application-body.xml | 83497 | 2004-07-09 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| application-body | application-body.dtd | 49498 | 2004-07-09 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| application-body | wipo.ent | 4956 | 2004-07-09 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| application-body | mathml2.dtd | 54588 | 2004-07-09 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| application-body | mathml2-qname-1.mod | 13225 | 2004-07-09 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| application-body | isoamsa.ent | 5191 | 2004-07-09 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| application-body | isoamsb.ent | 3988 | 2004-07-09 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| application-body | isoamsc.ent | 1460 | 2004-07-09 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| application-body | isoamsn.ent | 5620 | 2004-07-09 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| application-body | isoamso.ent | 1934 | 2004-07-09 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| application-body | isoamsr.ent | 7073 | 2004-07-09 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Doc. Name | File Name | Size (Bytes) | Date Produced (yyyymmdd) |
|------------------|---------------------|--------------|--------------------------|
| application-body | isogr3.ent | 3559 | 2004-07-09 |
| application-body | isomfrk.ent | 4553 | 2004-07-09 |
| application-body | isomopf.ent | 2571 | 2004-07-09 |
| application-body | isomscr.ent | 4628 | 2004-07-09 |
| application-body | isotech.ent | 5268 | 2004-07-09 |
| application-body | isobox.ent | 3568 | 2004-07-09 |
| application-body | isocyr1.ent | 5345 | 2004-07-09 |
| application-body | isocyr2.ent | 2504 | 2004-07-09 |
| application-body | isodia.ent | 1508 | 2004-07-09 |
| application-body | isolat1.ent | 5282 | 2004-07-09 |
| application-body | isolat2.ent | 9007 | 2004-07-09 |
| application-body | isonum.ent | 5913 | 2004-07-09 |
| application-body | isopub.ent | 6621 | 2004-07-09 |
| application-body | mmlextra.ent | 7901 | 2004-07-09 |
| application-body | mmlalias.ent | 38209 | 2004-07-09 |
| application-body | soextblx.dtd | 12870 | 2004-07-09 |
| application-body | fig1.tif | 10160 | 2004-07-09 |
| application-body | fig2.tif | 20552 | 2004-07-09 |
| application-body | fig3.tif | 16916 | 2004-07-09 |
| application-body | fig4.tif | 16328 | 2004-07-09 |
| application-body | fig5.tif | 8308 | 2004-07-09 |
| application-body | fig6.tif | 14648 | 2004-07-09 |
| application-body | fig7.tif | 14044 | 2004-07-09 |
| application-body | fig8.tif | 8384 | 2004-07-09 |
| application-body | fig9.tif | 17796 | 2004-07-09 |
| application-body | fig10.tif | 14424 | 2004-07-09 |
| application-body | fig11.tif | 6784 | 2004-07-09 |
| application-body | fig12.tif | 9256 | 2004-07-09 |
| application-body | fig13.tif | 9456 | 2004-07-09 |
| application-body | fig14.tif | 6680 | 2004-07-09 |
| application-body | fig15.tif | 10380 | 2004-07-09 |
| application-body | fig16.tif | 17568 | 2004-07-09 |
| application-body | fig17.tif | 21316 | 2004-07-09 |
| us-declaration | dec1.tif | 39744 | 2004-07-09 |
| us-declaration | dec2.tif | 76116 | 2004-07-09 |
| package-data | U040310-pkda.xml | 10419 | 2004-07-09 |
| package-data | package-data.dtd | 27025 | 2004-07-09 |
| package-data | us-package-data.xsl | 19263 | 2004-07-09 |
| Total files size | | 1131220 | |

Message Digest:

590854c0222592d33241a651d9368302d3f81f22

Digital Certificate Holder
Name:

cn=Melanio R.
Quintos,ou=Registered
Attorneys,ou=Patent and
Trademark
Office,ou=Department of
Commerce,o=U.S.
Government,c=US